

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A cartridge barrel for use in a medication pump comprising:
a cylindrical barrel wall comprising an open end and a closed end, wherein the closed end defines an orifice, ~~the cartridge barrel further comprising and~~
a ridge defined on an interior face of the barrel wall,
~~wherein the barrel wall is more opaque in the region extending from the ridge to the open end than in at least a portion of a remainder of the barrel wall~~
wherein the ridge divides the barrel wall into:
an open end portion extending from the ridge to the open end, and
a closed end portion extending from the ridge to the closed end,
wherein the open end portion and the closed end portion do not overlap with the ridge,
wherein the open end portion includes only one unbroken, opaque band,
wherein the opaque band is more opaque than at least a portion of the open end portion of the barrel wall.
2. (Currently Amended) The cartridge barrel of claim 1 wherein the ~~region~~ open end portion extending from the ridge to the open end comprises a textured surface.
3. (Original) The cartridge barrel of claim 1 further comprising a cylindrical end wall projecting from the closed end of the cylindrical barrel and surrounding the orifice, the end wall comprising an interior face, an exterior face, and axial guides on the exterior face.
4. (Original) The cartridge barrel of claim 3 wherein the end wall further comprises a thread structure on the interior face.
5. (Original) The cartridge barrel of claim 1 wherein an outer edge of the open end of the barrel wall defines a circle.

6. (Original) The cartridge of claim 5 wherein the open end of the barrel wall has an outer diameter that is substantially the same as an outer diameter of the remainder of the barrel wall.

7. (Original) The cartridge barrel of claim 3 further comprising a tip at the closed end within the end wall and in fluid communication with the orifice.

8.-63. (Canceled)

64. (New) The cartridge barrel of claim 1 wherein the open end has an outer edge that is symmetrical about a central longitudinal axis extending from the open end to the closed end

65. (New) A cartridge for use in a medication pump comprising:

a cylindrical barrel wall comprising an open end and a closed end, wherein the closed end defines an orifice;

a ridge defined on an interior face of the barrel wall; and

a plunger slidably received within the barrel wall, the plunger comprising a cylindrical wall having an interior cylindrical wall face, wherein a first tab projects inwardly from the interior wall face;

wherein the ridge divides the barrel wall into:

an open end portion extending from the ridge to the open end, and

a closed end portion extending from the ridge to the closed end,

wherein the open end portion and the closed end portion do not overlap with the ridge,

wherein the open end portion includes only one unbroken, opaque band,

wherein the opaque band is more opaque than at least a portion of the open end portion of the barrel wall.

66. (New) The cartridge barrel of claim 65 wherein the open end portion extending from the ridge to the open end comprises a textured surface.

67. (New) The cartridge barrel of claim 65 further comprising a cylindrical end wall projecting from the closed end of the cylindrical barrel and surrounding the orifice, the end wall comprising an interior face, an exterior face, and axial guides on the exterior face.
68. (New) The cartridge barrel of claim 65 wherein an outer edge of the open end of the barrel wall defines a circle.
69. (New) The cartridge of claim 68 wherein the open end of the barrel wall has an outer diameter that is substantially the same as an outer diameter of the remainder of the barrel wall.
70. (New) The cartridge of claim 65, wherein a second tab projects inwardly from the interior wall face of the plunger.
71. (New) A cartridge for use in a medication pump comprising:
a cylindrical barrel wall comprising an open end and a closed end, wherein the closed end defines an orifice;
a ridge defined on an interior face of the barrel wall;
a plunger slidably received within the barrel wall, the plunger comprising a cylindrical wall having an interior cylindrical wall face, wherein a first tab projects inwardly from the interior wall face; and
a removable cartridge rod constructed to be reversibly engaged with the plunger, the cartridge rod comprising:
a shaft comprising an interface end and a handle end;
an interface cylinder at the interface end defining a first channel, the first channel comprising an axial portion disposed parallel to an axis of the shaft and a locking portion disposed in a circumferential direction around an outer surface of the interface cylinder, wherein the interface cylinder includes a channel end wall defining a terminal end of the locking portion of the first channel, wherein the first channel is constructed to receive the tab of the plunger;
wherein the ridge on the interior face of the barrel wall divides the barrel wall into:
an open end portion extending from the ridge to the open end, and

a closed end portion extending from the ridge to the closed end,
wherein the open end portion and the closed end portion do not overlap with the ridge,
wherein the open end portion includes only one unbroken, opaque band,
wherein the opaque band is more opaque than at least a portion of the open end portion of
the barrel wall.

72. (New) The cartridge barrel of claim 71 wherein the open end portion extending from the ridge to the open end comprises a textured surface.

73. (New) The cartridge barrel of claim 71 further comprising a cylindrical end wall projecting from the closed end of the cylindrical barrel and surrounding the orifice, the end wall comprising an interior face, an exterior face, and axial guides on the exterior face.

74. (New) The cartridge barrel of claim 71 wherein an outer edge of the open end of the barrel wall defines a circle.

75. (New) The cartridge of claim 74 wherein the open end of the barrel wall has an outer diameter that is substantially the same as an outer diameter of the remainder of the barrel wall.

76. (New) The cartridge of claim 71, wherein a second tab projects inwardly from the interior wall face of the plunger and the interface cylinder defines a second channel for receiving and retaining the second tab of the plunger.

77. (New) The cartridge of claim 76, wherein the second channel of the interface cylinder includes an axial portion disposed parallel to an axis of the shaft and a locking portion disposed in a circumferential direction around an outer surface of the interface cylinder.